## What is claimed is:

1. A compound which is crystalline carvedilol dihydrogen phosphate hemihydrate.

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- 2. The compound according to claim 1 having an x-ray diffraction pattern which comprises characteristic peaks in degrees two-theta as shown in Figure 1.
- 3. The compound according to claim 2 having characteristic peaks from  $0^{\circ}$  degrees 2-theta (20) to  $35^{\circ}$  degrees 2-theta (20) at about 7.0 ± 0.2 (20),  $11.4 \pm 0.2$  (20),  $15.9 \pm 0.2$  (20),  $18.8 \pm 0.2$  (20),  $20.6 \pm 0.2$  (20),  $20.6 \pm 0.2$  (20),  $20.6 \pm 0.2$  (20), and  $20.6 \pm 0.2$  (20).
- 4. The compound according to claim 1 having an infrared spectrum which comprises characteristic absortion bands expressed in wave numbers as shown in Figure 6.
- 5. The compound according to claim 1 having a Raman spectrum which comprises characteristic peaks as shown in Figure 3.
  - 6. A compound which is carvedilol dihydrogen phosphate dihydrate.
- 7. The compound according to claim 6 having an x-ray diffraction pattern which comprises characteristic peaks in degrees two-theta (2θ) as shown in Figure 9.
- 8. The compound according to claim 7 having characteristic peaks from  $0^{\circ}$  degrees 2-theta (20) to  $35^{\circ}$  degrees 2-theta (20) at about 6.5 ± 0.2 (20),  $7.1 \pm 0.2$  (20),  $13.5 \pm 0.2$  (20),  $14.0 \pm 0.2$  (20),  $17.8 \pm 0.2$  (20),  $18.9 \pm 0.2$  (20), and  $21.0 \pm 0.2$  (20).

9. The compound according to claim 6 having an x-ray diffraction pattern which comprises characteristic peaks in degrees two-theta (2θ) as shown in Figure 25.

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10. The compound according to claim 9 having characteristic peaks from  $0^{\circ}$  degrees 2-theta (20) to  $35^{\circ}$  degrees 2-theta (20) at about 6.4  $\pm$  0.2 (20), 9.6  $\pm$  0.2 (20), 16.0  $\pm$  0.2 (20), 18.4  $\pm$  0.2 (20), 20.7  $\pm$  0.2 (20), and 24.5  $\pm$  0.2 (20).

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- 11. A compound which is carvedilol dihydrogen phosphate methanol solvate.
- 12. The compound according to claim 11 having an x-ray
  diffraction pattern which comprises characteristic peaks in degrees two-theta
  (2θ) as shown in Figure 24.
  - 13. The compound according to claim 12 having characteristic peaks from  $0^{\circ}$  degrees 2-theta (20) to  $35^{\circ}$  degrees 2-theta (20) at about 6.9 ± 0.2 (20), 7.2 ± 0.2 (20), 13.5 ± 0.2 (20), 14.1 ± 0.2 (20), 17.8 ± 0.2 (20), and 34.0 ± 0.2 (20).
    - 14. A compound which is carvedilol dihydrogen phosphate.
- 25 15. The compound according to claim 14 having an x-ray diffraction pattern which comprises characteristic peaks in degrees two-theta (2θ) as shown in Figure 28.
- 16. The compound according to claim 15 having characteristic peaks from 0° degrees 2-theta (2 $\theta$ ) to 35° degrees 2-theta (2 $\theta$ ) at about 13.2 ± 0.2 (2 $\theta$ ), 15.8 ± 0.2 (2 $\theta$ ), 16.3 ± 0.2 (2 $\theta$ ), 21.2 ± 0.2 (2 $\theta$ ), 23.7 ± 0.2 (2 $\theta$ ), and 26.0 ± 0.2 (2 $\theta$ ).

17. A compound which is carvedilol hydrogen phosphate.

- 18. The compound according to claim 17 having an x-ray
  diffraction pattern which comprises characteristic peaks in degrees two-theta
  (2θ) as shown in Figure 29.
- 19. The compound according to claim 18 having characteristic peaks from  $0^{\circ}$  degrees 2-theta (20) to  $35^{\circ}$  degrees 2-theta (20) at about 5.5 ± 0.2 (20),  $12.3 \pm 0.2$  (20),  $15.3 \pm 0.2$  (20),  $19.5 \pm 0.2$  (20),  $21.6 \pm 0.2$  (20), and  $24.9 \pm 0.2$  (20).
  - 20. A pharmaceutical composition comprising the compound according to claim 1 and a pharmaceutically acceptable carrier.

21. A pharmaceutical composition comprising the compound according to claim 6 and a pharmaceutically acceptable carrier.

22. A pharmaceutical composition comprising the compound according to claim 14 and a pharmaceutically acceptable carrier.

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- 23. A pharmaceutical composition comprising the compound according to claim 17 and a pharmaceutically acceptable carrier.
- 24. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the compound according to claim 1.
- 25. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the compound according to claim 6.

26. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the compound according to claim 14.

- 5 27. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the compound according to claim 17.
- 28. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the composition according to claim 20.
  - 29. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the composition according to claim 21.
  - 30. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the composition according to claim 22.

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31. A method of treating hypertension, congestive heart failure or angina which comprises administering to a subject in need thereof an effective amount of the composition according to claim 23.